

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L3 | 51 | "L1" and (irradiat\$4 adj plasma) | US-PGPUB; USPAT | OR | OFF | 2010/06/21 15:04 |
| L4 | 2 | L3 and (bias adj voltage) | US-PGPUB; USPAT | OR | OFF | 2010/06/21 15:04 |
| L5 | 0 | L4 and (acceleration adj energy) | US-PGPUB; USPAT | OR | OFF | 2010/06/21 15:05 |
| S1 | 1 | ("6902655").PN. | USPAT; USOCR | OR | OFF | 2008/08/12 09:14 |
| S2 | 358 | (film near5 formation same generate adj plasma) | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:17 |
| S3 | 257 | S2 and (control or change same (density near10 implant\$4 ion)) | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:19 |
| S4 | 67 | S3 and (bias adj voltage) | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:20 |
| S5 | 124 | S3 and bias | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:20 |
| S6 | 0 | S5 and (implant near5 ions) | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:20 |

| | | | | | | |
|-----|-----|---|--------------------|----|-----|---------------------|
| S7 | 79 | S5 and ions | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:20 |
| S8 | 2 | S7 and (electric adj current) | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:21 |
| S9 | 55 | S7 and current | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:21 |
| S10 | 11 | S9 and polarity | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:21 |
| S11 | 11 | S9 and (collide or collision) | US-PGPUB; USPAT | OR | OFF | 2008/08/12 09:22 |
| S12 | 358 | (film near5 formation same generate adj plasma) | US-PGPUB; USPAT | OR | OFF | 2008/08/13 15:37 |
| S13 | 257 | S12 and (control or change same (density near10 implant\$4 ion)) | US-PGPUB; USPAT | OR | OFF | 2008/08/13 15:37 |
| S14 | 9 | S13 and (pentacene or tetracene or anthracene or TCNQ or TTF of TDAE) | US-PGPUB; USPAT | OR | OFF | 2008/08/13 15:37 |
| S15 | 1 | ("6171451").PN. | USPAT; USOCR | OR | OFF | 2008/08/14 10:55 |
| S16 | 358 | (film near5 formation same generate adj plasma) | US-PGPUB; USPAT | OR | OFF | 2008/08/14 11:07 |
| S17 | 257 | S16 and (control or change same (density near10 implant\$4 ion)) | US-PGPUB; USPAT | OR | OFF | 2008/08/14 11:07 |

| | | | | | | |
|-----|-----|--|------------------------|----|-----|---------------------|
| S18 | 67 | S17 and (bias adj voltage) | US- PGPUB; USPAT | OR | OFF | 2008/08/14 11:07 |
| S19 | 0 | S18 and (target adj ion) | US- PGPUB; USPAT | OR | OFF | 2008/08/14 11:08 |
| S20 | 50 | S18 and (ion) | US- PGPUB; USPAT | OR | OFF | 2008/08/14 11:08 |
| S21 | 6 | S20 and implant\$4 | US- PGPUB; USPAT | OR | OFF | 2008/08/14 11:08 |
| S22 | 13 | S20 and (carbon adj film) | US- PGPUB; USPAT | OR | OFF | 2008/08/14 11:11 |
| S23 | 1 | ("5693376").PN. | USPAT; USOCR | OR | OFF | 2008/08/14 11:47 |
| S24 | 0 | S16 and (collision adj ion) | US- PGPUB; USPAT | OR | OFF | 2008/08/14 11:52 |
| S25 | 358 | (film near5 formation same generate adj plasma) | US- PGPUB; USPAT | OR | OFF | 2008/08/14 15:33 |
| S26 | 4 | S25 and anthracene | US- PGPUB; USPAT | OR | OFF | 2008/08/14 15:33 |
| S27 | 1 | ("5591312").PN. | USPAT; USOCR | OR | OFF | 2008/08/14 15:59 |
| S28 | 94 | (kasama-Y\$).in. | US- PGPUB; USPAT | OR | OFF | 2008/08/14 16:46 |
| S29 | 257 | S25 and (control or change same (density near10 implant\$4 ion)) | US- PGPUB; USPAT | OR | OFF | 2008/08/14 16:46 |

| | | | | | | |
|-----|------|--|--------------------|----|-----|---------------------|
| S30 | 124 | S29 and bias | US-PGPUB; USPAT | OR | OFF | 2008/08/14 16:46 |
| S31 | 79 | S30 and ions | US-PGPUB; USPAT | OR | OFF | 2008/08/14 16:46 |
| S32 | 2 | S31 and (electric adj current) | US-PGPUB; USPAT | OR | OFF | 2008/08/14 16:46 |
| S33 | 0 | S28 and S32 | US-PGPUB; USPAT | OR | OFF | 2008/08/14 16:46 |
| S34 | 3285 | 427/569,523,238;204/173,186.04,157.47,176.ccls. | US-PGPUB; USPAT | OR | OFF | 2008/08/15 08:00 |
| S35 | 358 | (film near5 formation same generate adj plasma) | US-PGPUB; USPAT | OR | OFF | 2008/08/15 08:01 |
| S36 | 257 | S35 and (control or change same (density near10 implant\$4 ion)) | US-PGPUB; USPAT | OR | OFF | 2008/08/15 08:01 |
| S37 | 124 | S36 and bias | US-PGPUB; USPAT | OR | OFF | 2008/08/15 08:01 |
| S38 | 79 | S37 and ions | US-PGPUB; USPAT | OR | OFF | 2008/08/15 08:01 |
| S39 | 2 | S38 and (electric adj current) | US-PGPUB; USPAT | OR | OFF | 2008/08/15 08:01 |
| S40 | 0 | S34 and S39 | US-PGPUB; USPAT | OR | OFF | 2008/08/15 08:01 |

| | | | | | | |
|-----|-----|--|------------------------|----|-----|---------------------|
| S41 | 19 | S35 and (target adj (material or substance)) | US- PGPUB; USPAT | OR | OFF | 2008/08/15 08:24 |
| S42 | 0 | S41 and anthracene | US- PGPUB; USPAT | OR | OFF | 2008/08/15 08:25 |
| S43 | 1 | ("20050129607").PN. | US- PGPUB; USPAT | OR | OFF | 2008/08/15 08:43 |
| S44 | 1 | ("6884404").PN. | USPAT; USOCR | OR | OFF | 2009/03/06 08:49 |
| S45 | 398 | (film near5 formation same generate adj plasma) | US- PGPUB; USPAT | OR | OFF | 2009/03/06 08:57 |
| S46 | 0 | S45 and (target adj ions) | US- PGPUB; USPAT | OR | OFF | 2009/03/06 08:57 |
| S47 | 5 | S45 and (collision adj ions) | US- PGPUB; USPAT | OR | OFF | 2009/03/06 08:57 |
| S48 | 398 | (film near5 formation same generate adj plasma) | US- PGPUB; USPAT | OR | OFF | 2009/03/06 12:39 |
| S49 | 287 | S48 and (control or change same (density near10 implant\$4 ion)) | US- PGPUB; USPAT | OR | OFF | 2009/03/06 12:39 |
| S50 | 0 | S49 and (ion adj diameter) | US- PGPUB; USPAT | OR | OFF | 2009/03/06 12:39 |
| S51 | 1 | ("5916642").PN. | USPAT; USOCR | OR | OFF | 2009/08/18 13:48 |

| | | | | | | |
|-----|-----|--|------------------------------|----|-----|---------------------|
| S52 | 51 | ("5346683" "5456986" "5457343" "5482601" "5543378").PN. OR ("5916642").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/18 14:53 |
| S53 | 457 | (film near5 formation same generate adj plasma) | US-PGPUB; USPAT | OR | OFF | 2010/02/25 09:07 |
| S54 | 336 | S53 and (control or change same (density near10 implant\$4 ion)) | US-PGPUB; USPAT | OR | OFF | 2010/02/25 09:07 |
| S55 | 0 | S54 and (encapsulation adj target adj ion) | US-PGPUB; USPAT | OR | OFF | 2010/02/25 09:07 |
| S56 | 1 | ("6251522").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/25 09:38 |
| S57 | 1 | ("20080226835").PN. | US-PGPUB; USPAT | OR | OFF | 2010/02/25 10:32 |
| S58 | 0 | ("200800226835").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/21 12:51 |
| S59 | 1 | ("20080226835").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/06/21 12:52 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| | | | | | | |

| | | | | | | |
|----|--------|---|--------------------------|----|-----|------------------|
| L1 | 872462 | (production adj method near5 encapsulat \$4-fullerene near20 generate adj plasma near5 encapsulation adj target adj ions near5 collision adj ions near5 collision ion diameters larger than diameter cyclic ring near5 fullerene adj molecules).clm. | US-PGPUB; USPAT; UPAD | OR | OFF | 2010/06/21 15:03 |
|----|--------|---|--------------------------|----|-----|------------------|

6/ 21/ 2010 3:06:04 PM

C:\ Documents and Settings\ mangadi\ My Documents\ EAST\ Workspaces\ Production method of material film, 10593557.
wsp